

Serial No. 09/987,752
Amdt. dated July 8, 2004
Reply to Office Action of March 4, 2004

Docket No. MRE-0038

Amendments to the Abstract:

Please replace the original Abstract with the Substitute Abstract filed herewith.

ABSTRACT

A surface mounting device includes an X-Y gantry and at least one mounting head coupled to the X-Y gantry. First and second transfers for feeding circuit boards into and out of the machine are mounted on opposite sides of the machine. In addition, a plurality of conveyers for moving circuit boards to various mounting positions on the machine are mounted between the first and second transfers. Each of the plurality of conveyers are capable of moving in X and Y directions, independently, to receive circuit boards from the transfers, to move to different mounting positions and to deposit circuit boards back on one of the transfers. The transfers are also capable of moving so that they can align with the conveyers at different positions.